

WHAT IS CLAIMED IS:

1. A gear with two turntables (1, 3) arranged into one another, which are interconnected via a swashplate (2), wherein the swashplate (2) is connected
5 with the first turntable (1) via at least one pin (2.2), and wherein the swashplate (2) is connected with the second turntable (2) via gear rings (2.1, 3.1).
2. A gear according to claim 1, wherein the at least one pin (2.2) is produced in one piece with the swashplate (2) or with the first turntable (1).
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3. A gear according to claim 1, wherein the at least one pin (2.2) is connected with the swashplate (2) or with the first turntable (1) by gluing and/or welding and/or force fitting and/or soldering and/or screwing in.
- 15 4. A gear according to one of claims 1-3, wherein the at least one pin (2.2) formed at the swashplate (2) or at the first turntable (1) is arranged in a slot-shaped recess (1.1) in the first turntable (1) or the swashplate (2).
5. A gear according to claim 4, wherein the pin (2.2) and the slot-shaped recess
20 (1.1) form a sliding pairing, and wherein a bushing made of a material capable of sliding is arranged as a counter bearing on the pin (2.2) and/or into the slot-shaped recess (1.1).
6. A gear according to claim 4, wherein the bushing is made of teflon or gray iron
25 or brass or bronze.
7. A gear according to claim 5 or 6, wherein the bushing set as a counter bearing onto the pin (2.2) and/or into the slot-shaped recess (1.1) is provided for compensating process tolerances.
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8. A gear according to one of the preceding claims, wherein for the connection between the swashplate (2) and the two turntables (1, 3) a lubricant supply is provided.

- 35 9. A gear according to one of the preceding claims, wherein the first turntable (1) is the outer one of the two turntables arranged into one another and wherein the second turntable (3) is the inner one of the two turntables arranged into one another.
- 5 10. A gear according to one of the preceding claims, wherein the first turntable is formed as a camshaft gear (1) of an internal combustion engine, which gear is connected with a crankshaft, and wherein the second turntable (3) is connected with a camshaft (4) of the IC engine, and wherein the gear is formed for adjusting the angle of rotation of the camshaft (4) relative to the angle of rotation of the crankshaft.